

Meeting Minutes

Lydia Engerbretson

Hannah Pearson

Matt Covalt

Matt Waltz

Roy Cochran

Feng Li

October 18, 2017 3:30pm-4:00pm

Agenda

* Agenda is here: <https://github.com/mateoconlechuga/tater/issues/15>

Agenda Notes/Status Report

Client has shipped equipment, but we have not received it yet. Wikipage workshop is next Tuesday and Hannah plans to go to that.

Wiki page will include:

- * Project Goals
- * Background
- * Project Learning
- * Meeting Minutes
- * Schematics/Drawings
- * Short bio of everyone with picture
- * Picture representing the project

The next thing we discussed was power analysis techniques and research articles. This is not a feature that they want, but we want to compare current draw with EM field and do statistical analysis. The slope of current is directly related with EM field.

We may need to meet on Tuesdays at 2:30 to work more on the project (especially when we have equipment).

We also need to find an o-scope that will work on Linux and find software for processing signal data (i.e. WaveForms?).

We plan to set up date so we can be ready to go. We plan to store equipment in senior design lab (in the locker). It would be nice to have a permanent space, so we need to talk to Dr. J about that.

Roy will design and draft a 3D model of the antenna that will sit on top of the processor along with a box to shield it. We need a board first before Roy can do this, so that he can take measurements.

Dr. Li will email us when the parts arrive.

Action Items

- * Lydia: Reprint portfolio cover page to include team member names.
- * Hannah/Roy: Wiki page